M. A. R. 57 (Rule 116) No. E 486832

Measurement Book

Serial No. Drilling of borewells and providing pipeline at Kempegowda garden, Nisarga layout and Saptagiri layout Sarounding area

Name of work in ward No-12 From ..... To .....

Name of Contractor of nature of Agency Sri Hanumantha G. Naik

Date of commencement of work EE/DD/WO/10/2021-22 dt:- 27/05/2021

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Job code NO :- 012-20-00011 0						
	A.S NO :- EE/DD/AS/454/20-21/ Dated: 17/11/2020						
	T.S NO :- EE/DD/TS/38/20-21 Dated 17/11/2020						
	P code :- P 3293						
	Received						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Geophysical Investigation of Site for Sinking Borewell for supplying drinking water to the habitation either through a hand pump, MWS or PWS vertical electrical Sounding by adopting Venner or Schlumberger's met including reconnaissance survey of geological formati geophysical investigation of existing ground water in the vicinity, its quality, quantity and acceptability of the w indicating the location of site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 metre in consoli formation for proper sealing of casing pipe, depth of drilling required to cover full depth of aquifer prospe to be tapped, possible yield and other information						

Received 19/06/21

M. A. R. 57 (Rule 116)
Measurement Book

No. E 486833

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	required including Transportation of instrument and access to work site, engaging technical personal and labou required etc., complete as per Specifications.						
	A) Narayan reddy Layout-	1	1	-	-	1.00	
	B) L V Enclave	1	1	-	-	1.00	
					each	2.00	
					@	3315.46	663

Received 19/06/21

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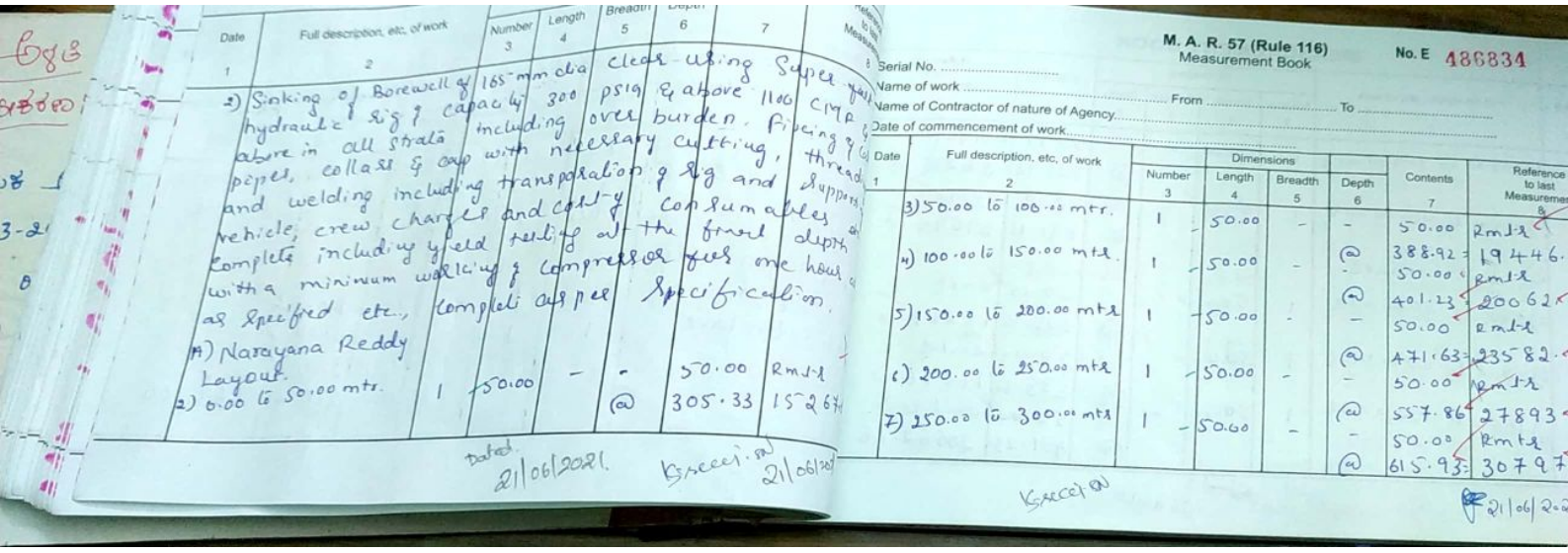

Date	Full description, etc, of work	Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	2) Sinking of Borewell of 165 mm dia clear using Super [illegible] hydraulic rig & capacity 300 psig & above 1100 CFM pressure in all strata including over burden. Piping & [illegible] pipes, collars & cap with necessary cutting, threading and welding including transportation of rig and [illegible] vehicle, crew charges and cost of consumables complete including yield testing at the final depth with a minimum working compressor for one hour as specified etc., complete as per Specification.						
	A) Narayana Reddy Layout.						
	2) 0.00 to 50.00 mtr.	1	50.00	-	-	50.00	Rmt-r
					@	305.33	15267
	dated 21/06/2021.						

M. A. R. 57 (Rule 116)
Measurement Book
No. E 486834

Serial No. .....
Name of work .....
Name of Contractor of nature of Agency..... From ..... To .....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	3) 50.00 to 100.00 mtr.	1	50.00	-	-	50.00	Rmt-r
	4) 100.00 to 150.00 mtr.	1	50.00	-	@	388.92	19446
					-	50.00	Rmt-r
	5) 150.00 to 200.00 mtr.	1	50.00	-	@	401.23	20062
					-	50.00	Rmt-r
	6) 200.00 to 250.00 mtr.	1	50.00	-	@	471.63	23582
					-	50.00	Rmt-r
	7) 250.00 to 300.00 mtr.	1	50.60	-	@	557.86	27893
					-	50.00	Rmt-r
					@	615.93	30797
							21/06/2021

Received

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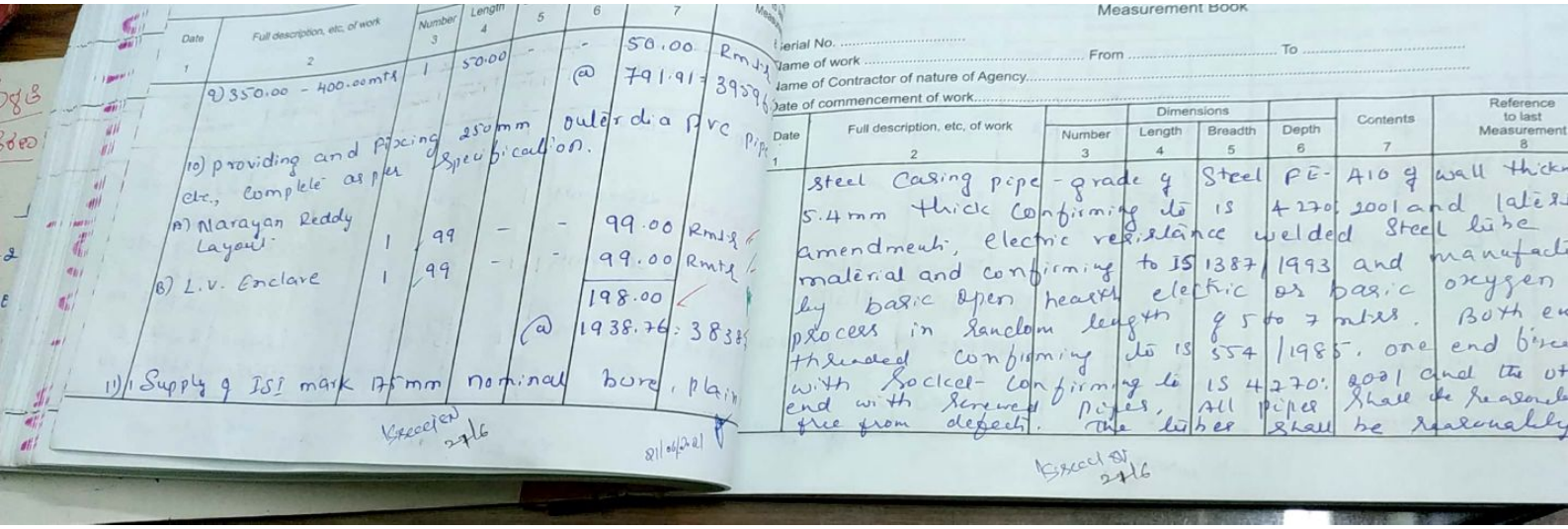

Date	Full description, etc, of work	Number	Length	5	6	7	
1	2	3	4				
	a) 350.00 - 400.00 mts	1	50.00	-	-	50.00	Rmt
					@	791.91 =	3959
	10) providing and fixing 250 mm outer dia PVC pipe etc., complete as per specification.						
	A) Narayan Reddy Layout	1	99	-	-	99.00	Rmt
	B) L.V. Enclave	1	99	-	-	99.00	Rmt
						198.00	
					@	1938.76 =	3838
	11) Supply of ISI mark 175 mm nominal bore, plain						

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth / Depth		
1	2	3	4	5 / 6	7	8
	Steel Casing pipe - grade of Steel FE- 410 of wall thick 5.4 mm thick Confirming to IS 4270: 2001 and latest amendment, electric resistance welded Steel tube material and confirming to IS 1387/1993 and manufact by basic Open hearth electric or basic oxygen process in Random length of 5 to 7 mtrs. Both en threaded confirming to IS 554/1985, one end bev with Socket- confirming to IS 4270: 2001 and the ot end with Screwed pipes, All pipes shall be reasonab free from defects. The tubes shall be reasonably					

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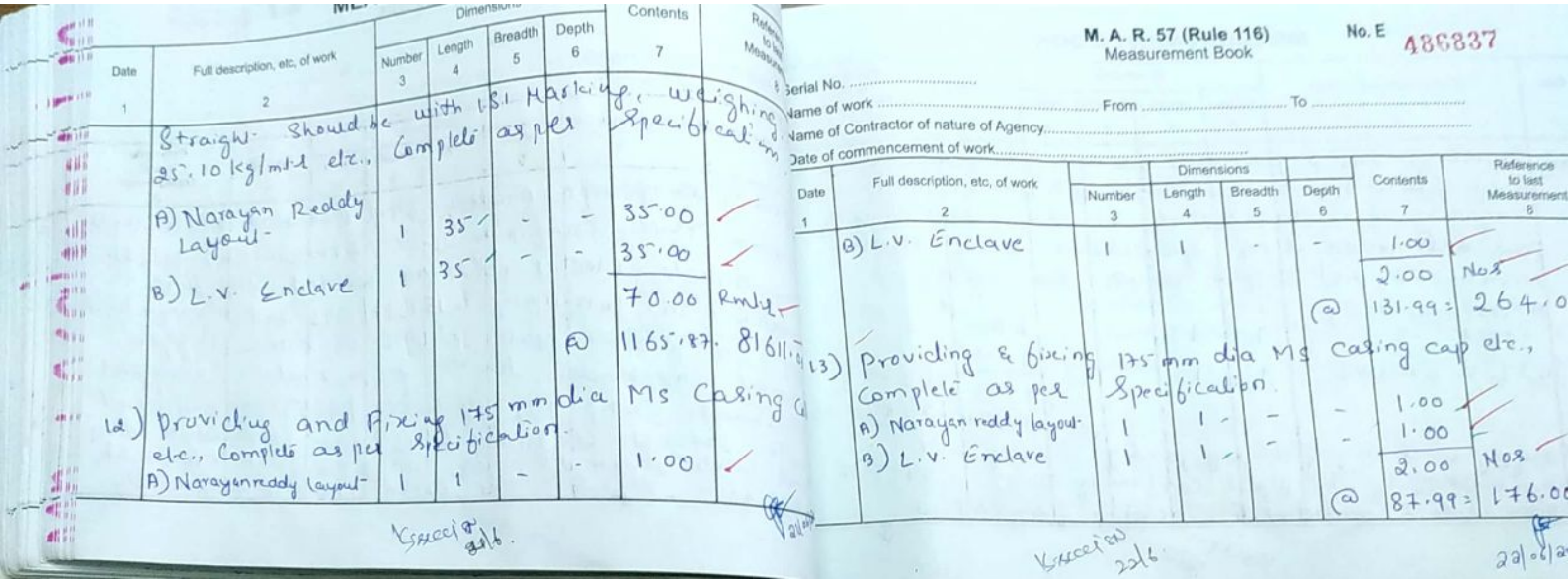

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Straight Should be with I.S.I Marking, weighing 25°, 10 kg/mtr etc., Complete as per Specification						
	A) Narayan Reddy Layout-	1	35'	-	-	35.00	
	B) L.V. Enclave	1	35'	-	-	35.00	
						70.00	Rmtg
					@	1165.87 = 81611.9	
	12) Providing and Fixing 175 mm dia MS Casing C etc., Complete as per Specification						
	A) Narayanreddy layout-	1	1	-	-	1.00	

Kseccipt 22/6.

M. A. R. 57 (Rule 116) No. E 486837
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	B) L.V. Enclave	1	1	-	-	1.00	
						2.00	Nos
					@	131.99 =	264.0
	13) Providing & fixing 175 mm dia MS casing cap etc., Complete as per Specification						
	A) Narayan reddy layout-	1	1	-	-	1.00	
	B) L.V. Enclave	1	1	-	-	1.00	
						2.00	Nos
					@	87.99 =	176.0

Kseccipt 22/6

22/06/2

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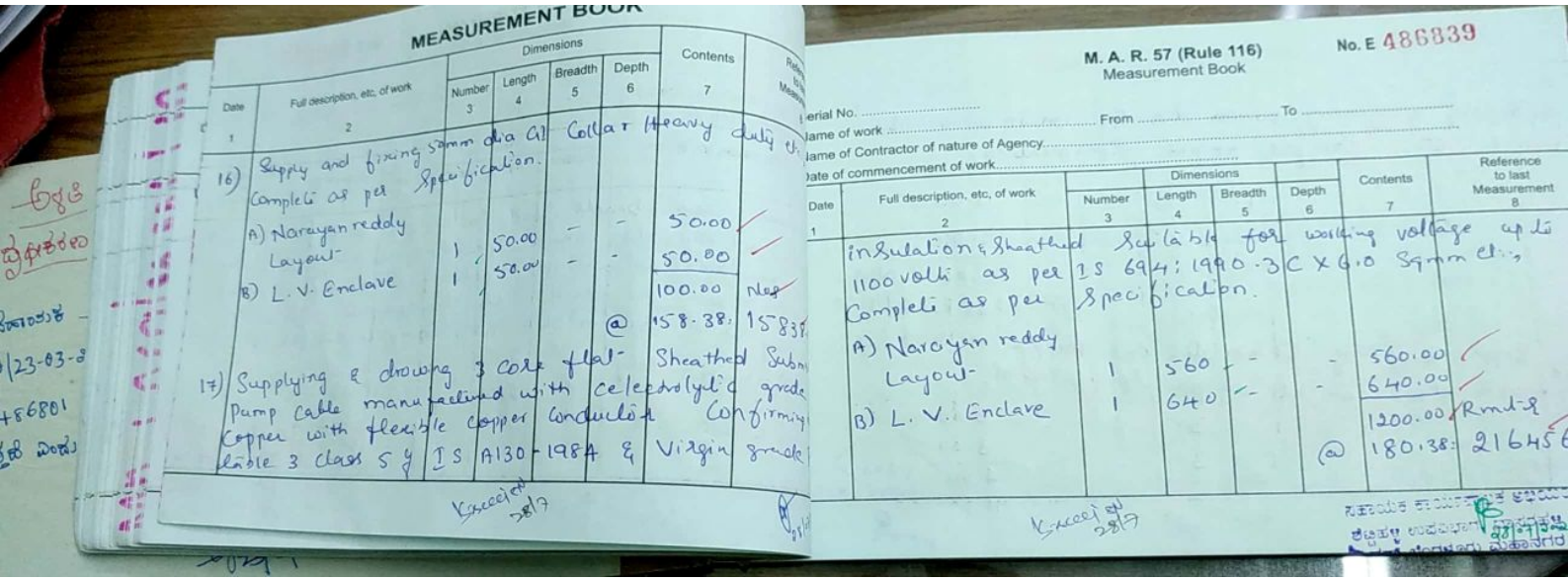

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	
16)	Supply and fixing 32mm dia GI Collar Heavy duty ty... Completi as per Specification.						
	A) Narayan reddy Layout-	1	50.00	-	-	50.00	
	B) L.V. Enclave	1	50.00	-	-	50.00	
						100.00	Nos
					@	158.38	15838
17)	Supplying & drowing 3 core flat- Pump Cable manufactured with electrolytic grade Copper with flexible copper conductor Confirming... flable 3 class 5 y IS A130-1984 & Virgin grade...						

Executed 28/7

M. A. R. 57 (Rule 116)
Measurement Book

No. E 486839

Serial No. ..... From ..... To .....
Name of work .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	insulation & Sheathed Suitable for working voltage upto 1100 volts as per IS 694: 1990-3C X 6.0 Sqmm etc., Completi as per Specification.						
	A) Narayan reddy Layout-	1	560	-	-	560.00	
	B) L.V. Enclave	1	640	-	-	640.00	
						1200.00	Rmtr
					@	180.38	21645

Executed 28/7

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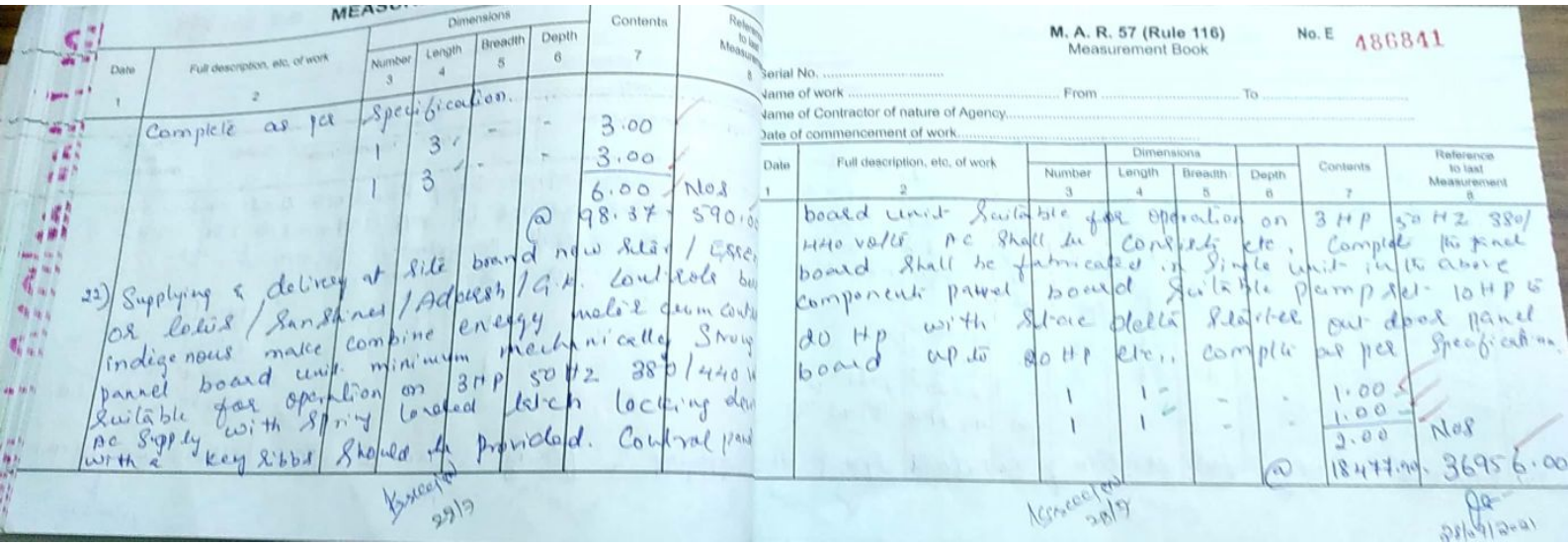

MEASU...

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Complete as per Specification.	1	3/-	-	-	3.00	
		1	3/-	-	-	3.00	
						6.00 Nos	
						@ 98.37 = 590.00	
22)	Supplying & delivery at site brand new Site / Essar / OR Lotus / Sanshine / Adpush / G.K. Lowvolt or indigenous make combine energy meter cum control panel board unit minimum mechanically Strong suitable for operation on 3HP 50 Hz 380/440 V AC Supply with Spring loaded latch locking door with 2 key Ribbs should be provided. Control panel board shall be fabricated in single unit in the above components panel board suitable for 3 HP 50 Hz 380/440 V AC shall be construction etc. Complete the panel board unit with Store Steel Sheet cut door panel 20 HP with Store Steel Sheet 10 HP & 20 HP board up to 20 HP etc., complete as per Specification.	1	1/-	-	-	1.00	
		1	1/-	-	-	1.00	
						2.00 Nos	
						@ 18477.00 = 36956.00	

Accepted 22/9

M. A. R. 57 (Rule 116)
Measurement Book
No. E 486841

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Accepted 22/9

22/04/2021

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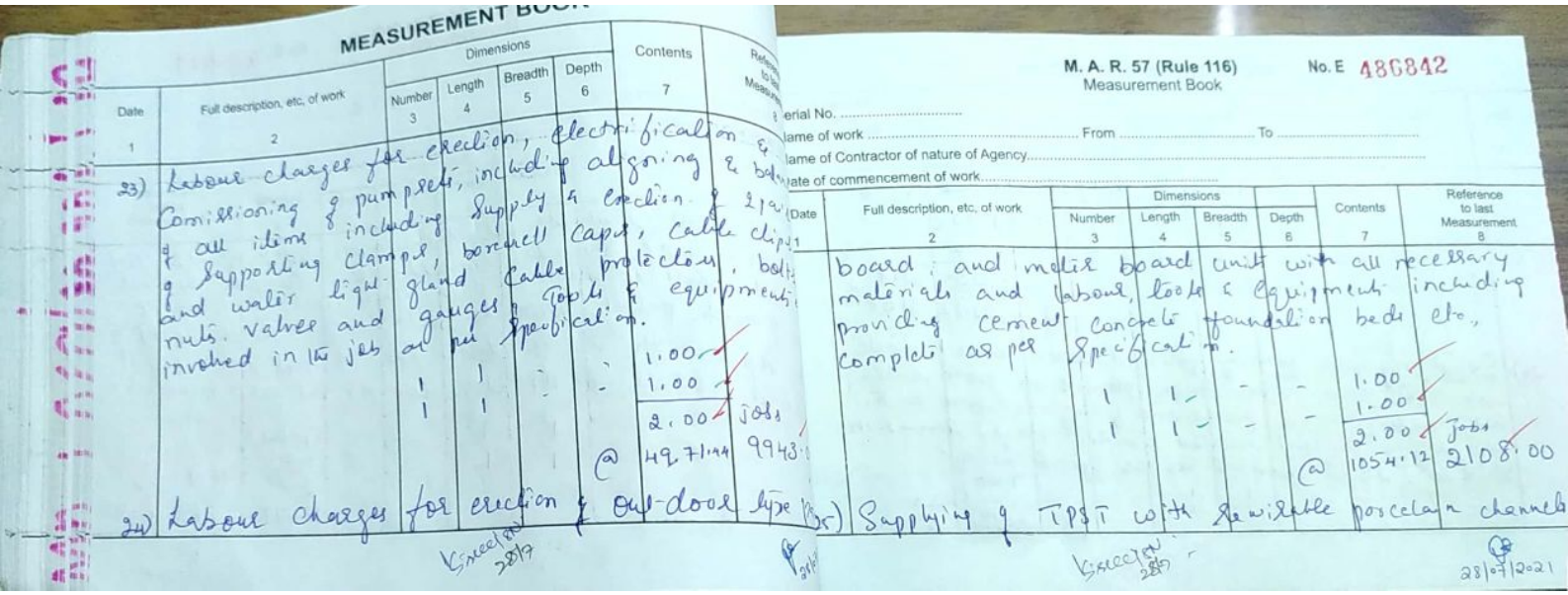

MEASUREMENT BOOK

Date	Full description, etc., of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	
23)	Labour charges for erection, electrification & Comissioning of pumpsets, including alignning & balancing of all items including supply & erection of 2 pair & supporting clamps, borewell caps, cable clips and water light gland cable protection, bolts nuts, valves and gauges, Tools & equipments involved in the job as per specification.	1	1	-	-	1.00	
		1	1	-	-	1.00	
						2.00 Jobs	
					@	4971.44 9943.00	
24)	Labour charges for erection & out-door type						

Kseeclpkd 28/7

M. A. R. 57 (Rule 116) No. E 486842
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor or nature of Agency.....
Date of commencement of work.....

Date	Full description, etc., of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	board and metre board unit with all necessary materials and labour, tools & equipments including providing cement concrete foundation beds etc., complete as per specification.	1	1	-	-	1.00	
		1	1	-	-	1.00	
						2.00 Jobs	
					@	1054.12 2108.00	
25)	Supplying & TPST with serviceable porcelain channels						

Kseeclpkd 28/7

28/07/2021

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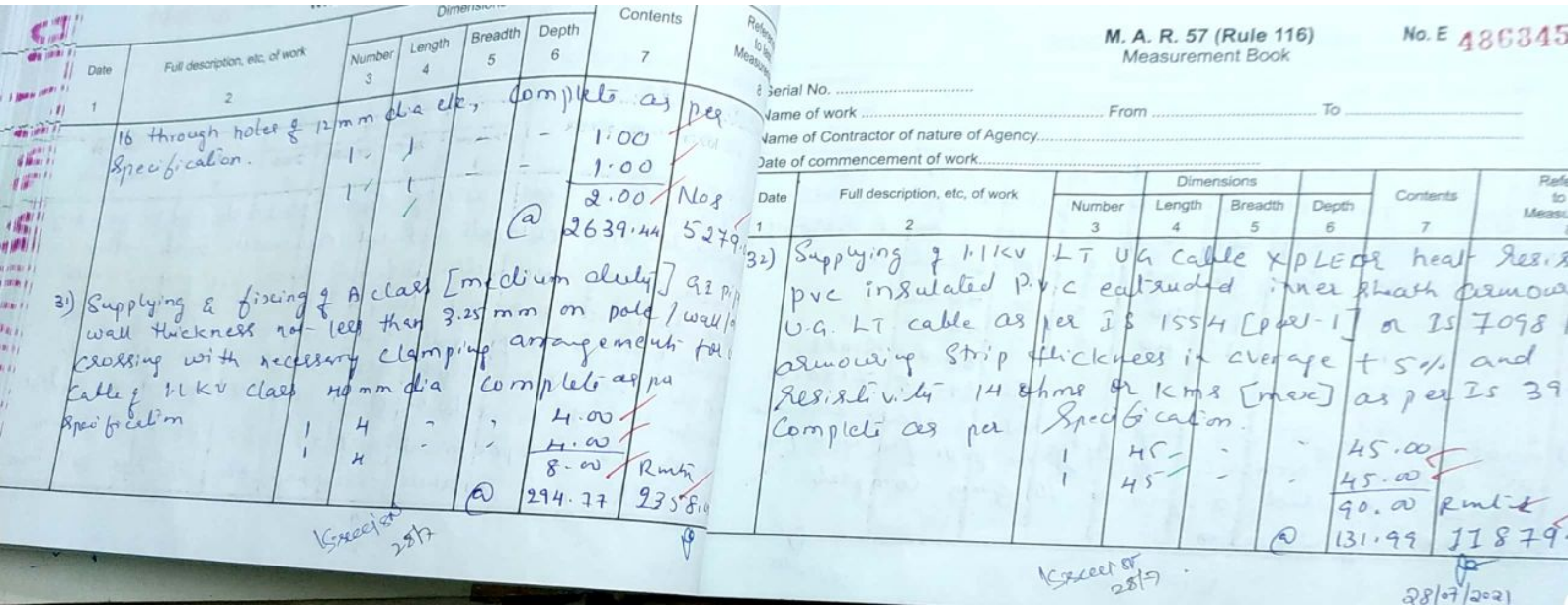

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents
1	2	3	4	5	6	7
	16 through holes @ 12mm dia etc, complete as per Specification.	1	1	-	-	1.00
		1	1	-	-	1.00
						2.00 Nos
				@	2639.44	5279.00
31)	Supplying & fixing of A class [medium duty] GI pipe wall thickness not less than 3.25 mm on pole / wall crossing with necessary clamping arrangement for Cable of 1.1 KV class 40 mm dia complete as per Specification	1	4	-	-	4.00
		1	4	-	-	4.00
						8.00 Rmtr
				@	294.77	2358.16

Scheeja 28/7

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents
1	2	3	4	5	6	7
32)	Supplying & 1.1 KV LT UG Cable XPLE or heat Resi. PVC insulated P.V.C extruded inner sheath armoured U.G. LT cable as per IS 1554 [part-1] or IS 7098 armouring strip thickness in average ± 5% and Resistivity 14 ohms or kms [max] as per IS 3961 Complete as per Specification.	1	45	-	-	45.00
		1	45	-	-	45.00
						90.00 Rmtr
				@	131.99	11879.10

Scheeja 28/7

28/07/2021

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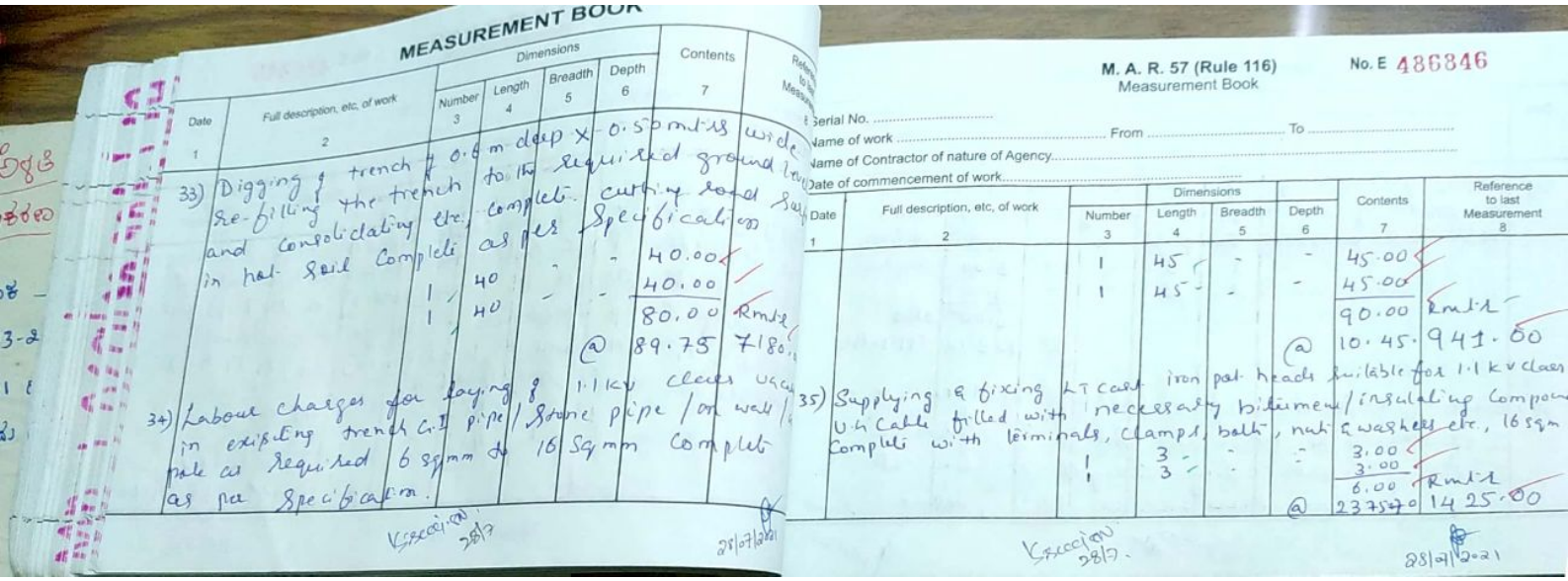

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	
	33) Digging a trench 0.6 m deep x 0.5 mtrs wide to the required ground level and consolidating etc complete cutting road surface in hal soil Complete as per Specification						
		1	40	-	-	40.00	
		1	40	-	-	40.00	
						80.00 Rmtr	
					@	89.75	7180
	34) Labour charges for laying 1.1 kv class PVC pipe / Stone pipe / on wall / in existing trench C.I pipe / Stone pipe / on wall / pole as required 6 sqmm to 16 Sqmm Complete as per Specification.						

Vsreeram 28/7

28/07/2021

M. A. R. 57 (Rule 116) No. E 486846
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
		1	45	-	-	45.00	
		1	45	-	-	45.00	
						90.00 Rmtr	
					@	10.45	941.00
	35) Supplying & fixing LT cast iron pot heads suitable for 1.1 kv class U.G Cable filled with necessary bitumen / insulating Compound Complete with terminals, clamps, bolts, nuts & washers etc, 16 sqm						
		1	3	-	-	3.00	
		1	3	-	-	3.00	
						6.00 Rmtr	
					@	237.50	1425.00

Vsreeram 28/7

28/07/2021

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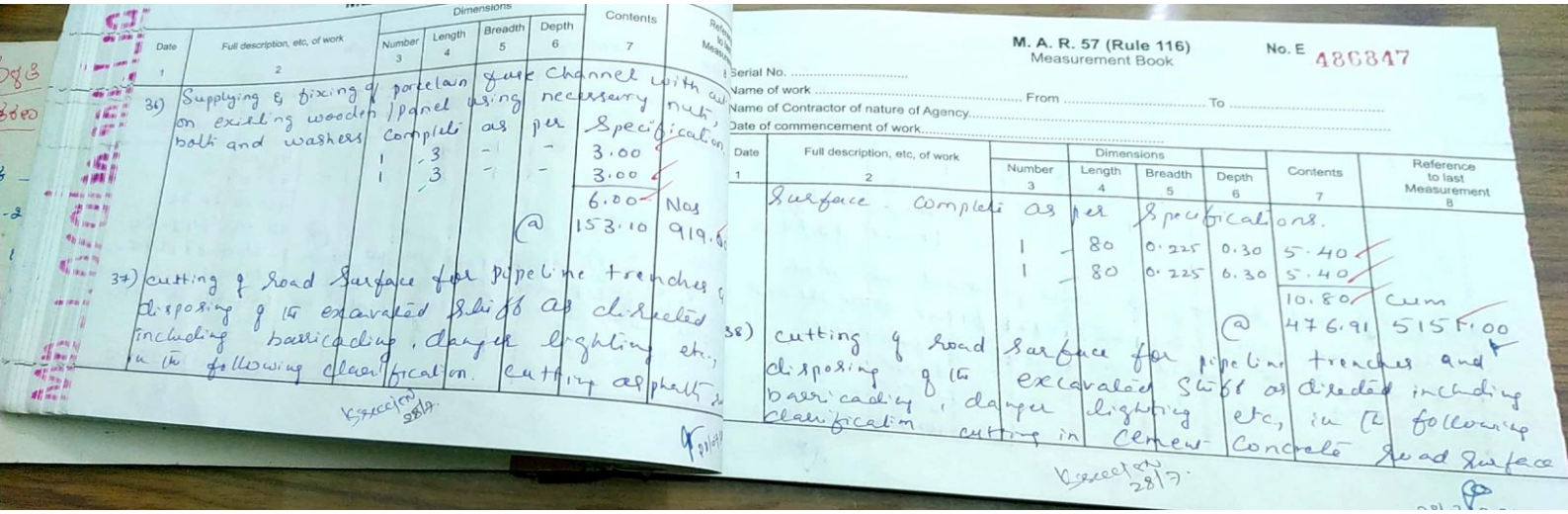

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	
	36) Supplying & fixing of porcelain tusk Channel with all necessary nuts, on existing wooden Panel using bolts and washers Complete as per Specification.	1	3	-	-	3.00	
		1	3	-	-	3.00	
						6.00 Nos	
					@	153.10 919.60	
	37) cutting & Road Surface for pipeline trenches & disposing of the excavated Stuff as directed including barricading, danger lighting etc, in the following classification. cutting asphalt						

Inspected 28/7

M. A. R. 57 (Rule 116)
Measurement Book
No. E 486847

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Surface complete as per Specifications.	1	80	0.225	0.30	5.40	
		1	80	0.225	6.30	5.40	
						10.80 Cum	
					@	476.91 5151.00	
	38) cutting & Road Surface for pipeline trenches and disposing of the excavated Stuff as directed including barricading, danger lighting etc, in the following classification cutting in Cement Concrete Road Surface						

Inspected 28/7

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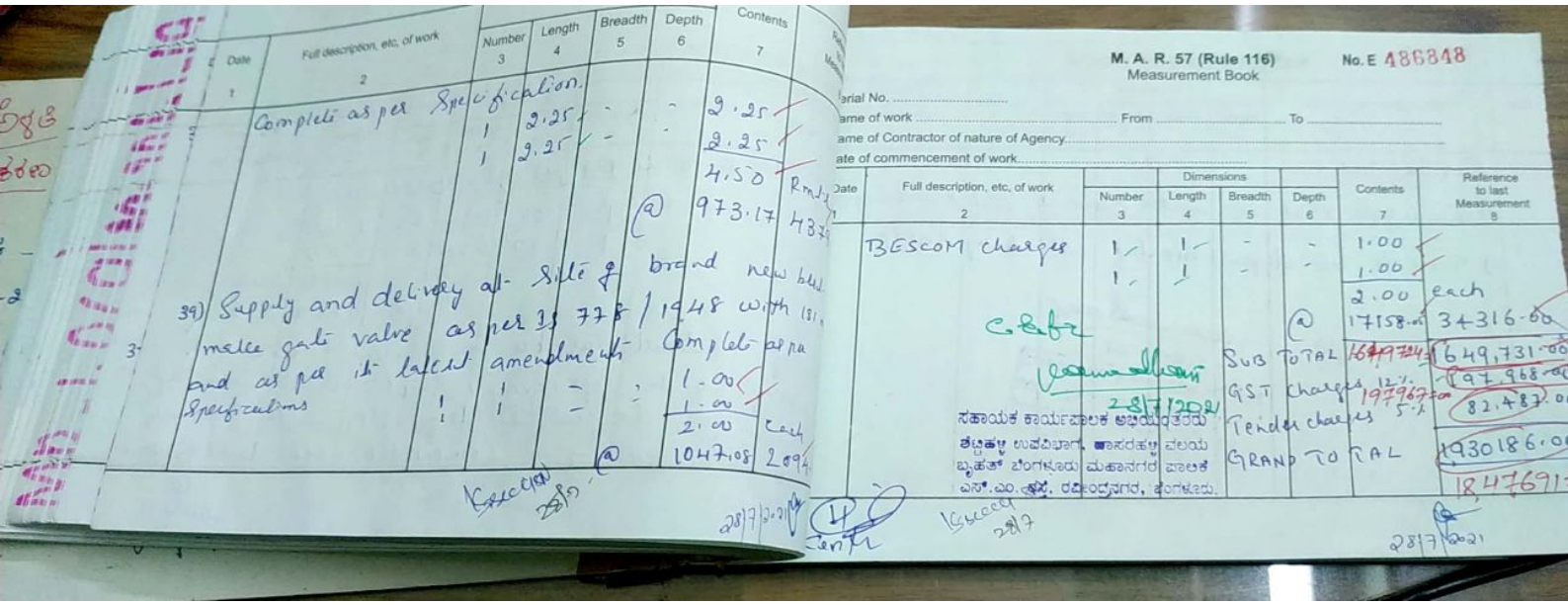

Date	Full description, etc, of work	Number	Length	Breadth	Depth	Contents
1	2	3	4	5	6	7
	Completi as per Specification.	1	2.25	-	-	2.25
		1	2.25	-	-	2.25
						4.50 Rmt
					@	973.17 438
39)	Supply and delivery of Sile & brand new b4d					
	make gati valve as per IS 778/1948 with (S1,					
	and as per it latest amendment Complete as pa					
	Specifications	1	1	-	-	1.00
		1	1	-	-	1.00
						2.00 Each
					@	1047.08 2094

Executed
28/7/2021

M. A. R. 57 (Rule 116)
Measurement Book

No. E 186818

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	BESCOM charges	1	1	-	-	1.00	
		1	1	-	-	1.00	
						2.00	each
					@	17158.00	3+316-00
					SUB TOTAL	1649731	1649,731-00
					GST charges 12% 5%	197967	197,968-00
					Tender charges		82,487.00
					GRAND TOTAL		1930186.00
							1847691

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ಚಾಮರಾಜಪೇಟೆ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ.ಕೃಷ್ಣ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು.

28/7/2021

Executed
28/7

28/7/2021

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Date	Full description, etc. of work	Number	Length	Breadth	Depth	
1	2	3	4	5	6	7

Certificate :-

1) Certificate that the work done is Satisfa

2) There is no departmental issues by BBM

Executed by
AE 28/7/21

28.7.21

ನಿಷ್ಪಾದಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
'ಕೆಬ್ಬಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
'ಎಸ್' ಬ್ಲಾಂ. ರಸ್ತೆ, ರಾಜೇಂದ್ರನಗರ, ಬೆಂಗಳೂರು

Audited and admitted for Rs. 184769/-
Passed by Cheque for Rs. 177595/-
Rupees Seventeen Lakhs Seventy Five Thousand Five hundred and Ninety Five only
177595-00

M. A. R. 57 (Rule 116) No. E 436349

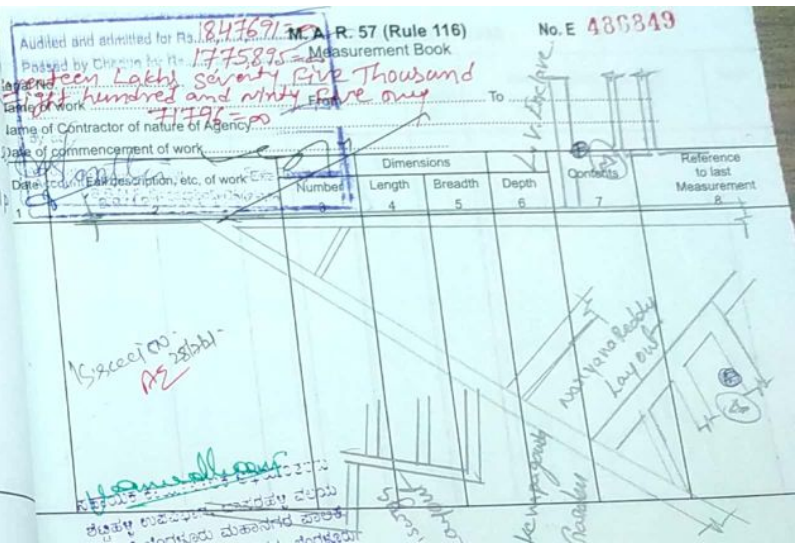
Measurement Book

Page No.
Name of work From To
Name of Contractor or nature of Agency
Date of commencement of work

Date	Full description, etc. of work	Number	Dimensions Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8

Executed by
AE 28/7/21

ನಿಷ್ಪಾದಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೆಬ್ಬಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ



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